



DEPARTMENT OF THE NAVY
HEADQUARTERS UNITED STATES MARINE CORPS
2 NAVY ANNEX
WASHINGTON, DC 20380-1775

MCO 4105.4
LPM-2
15 Aug 97

MARINE CORPS ORDER 4105.4

From: Commandant of the Marine Corps
To: Distribution List

Subj: GROUND WEAPON SYSTEMS/EQUIPMENT (WS/E) AND AUTOMATED
INFORMATION SYSTEMS (AIS) LIFE CYCLE LOGISTICS SUPPORT
(LCLS) POLICY

Ref: (a) DoDir 5000.1
(b) DoDReg 5000.2-R
(c) SECNAVINST 5000.2B
(d) SECNAVINST 5400.15A
(e) SECNAVINST 4105.1
(f) MCO P4790.3
(g) MCO P4000.39G
(h) MCO P4081.1
(i) MCO 4490.1

Encl: (1) LCLS Elements/Related Functions Table

1. Purpose. To establish LCLS policy for Ground WS/E and AIS, clarify the assignment of functions and responsibilities, and outline the functional interaction required between those commands within the Marine Corps that plan, acquire, evaluate, and implement LCLS. The primary objective of the LCLS program is to achieve system supportability of WS/E and AIS at an affordable life cycle cost.

2. Information

a. LCLS is the management and execution of the areas of support listed in the enclosure from acquisition through in-service support to disposal. References (a) through (f) require that support considerations be a part of the total system requirements, in the form of supportability goals and related design requirements and activities, early in an acquisition program. Those requirements are considered when formulating the acquisition strategy and are integral elements of performance specifications.

b. The functional and related LCLS areas recognized by the Marine Corps as supportability functions are depicted in the enclosure.

DISTRIBUTION STATEMENT A: Approved for public release,
distribution is unlimited.

c. This Order is organized to provide policy for LCLS programs from acquisition through in-service to disposal. Marine Corps commands are encouraged to develop complementing procedures in support of higher level directives for local use.

3. Responsibilities

a. Deputy Chief of Staff for Installations and Logistics (DC/S I&L) will:

(1) Act as the Commandant of the Marine Corps (CMC) agent for LCLS oversight and policy in accordance with the references.

(2) Establish and promulgate policy, and act as the office of primary responsibility for the functional LCLS assigned on the chart in the enclosure.

(3) Oversee the computation of Depot Maintenance requirements on an annual basis as required by reference (f).

(4) Provide members to, and validate the process for Independent Logistics Assessment (ILA) reviews as required by reference (e).

(5) Oversee the implementation and execution of LCLS requirements for all fielded WS/E and AIS.

(6) Serve as the functional manager for all Logistics Automated Information Systems.

(7) Ensure those resource requirements to execute LCLS functions for which DC/S I&L is responsible are included in the Planning, Programming, and Budgeting System (PPBS).

(8) Ensure base commanders have properly planned and programmed for necessary facilities to support WS/E and AIS.

(9) Provide support to Commander, Marine Corps Systems Command (COMMARCORSSYSCOM) in assessing and evaluating methods to minimize environmental impacts and costs attributable to hazardous material (HM) requirements and hazardous waste (HW) generation, in the development, test, production, use, maintenance, and disposal of WS/E.

b. Deputy Chief of Staff for Manpower and Reserve Affairs (DC/S M&RA) will: Jointly, with Commanding General, Marine Corps Combat Development Command (CG MCCDC) and COMMARCORSYSCOM, implement and coordinate an analysis process resulting in the proper integration of manpower/hardware for new WS/E and AIS.

c. Commander, Marine Corps Systems Command (COMMARCORSYSCOM) will:

- (1) Act as the CMC agent for LCLS during the acquisition progress.
- (2) Plan and conduct acquisition logistics support programs in accordance with references (b) and (c).
- (3) Ensure WS/E and AIS are provided to the user concurrent with the necessary provisioning and support infrastructure for achieving the user's peacetime and wartime readiness requirements. Additionally, provide software/firmware support and ensure adequate long-term supportability.
- (4) Conduct ILA reviews in accordance with reference (e).
- (5) Interface with COMMARCORLOGBASES throughout the WS/E and AIS life cycle.
- (6) Promulgate appropriate programmatic and fielding information to applicable activities in accordance with the schedule developed during the Integrated Product and Process Development (IPPD) process. All logistics schedules must be annotated in a logistics plan prior to a WS/E or AIS procurement decision. Fielding plans must be published at least 90 days prior to fielding of new WS/E/AIS.
- (7) Act as the office of primary responsibility for the functional LCLS assigned on the chart in the enclosure.
- (8) In coordination with DC/S I&L, identify possible military construction requirements associated with WS/E.

d. Commander, Marine Corps Logistics Bases (COMMARCORLOGBASES) will:

- (1) Interface with COMMARCORSYSCOM during the acquisition process and act as CMC agent for fielded WS/E.

(2) Identify readiness drivers, based upon WS/E and AIS requirements documents, empirical logistics data of comparable systems; and any special maintenance requirements or problems. Input readiness drivers to acquisition planning, design, and development documents, including the logistics support plan, maintenance concept, and maintenance plan.

(3) Participate in ILA reviews.

(4) Participate with COMMARCORSYSCOM in ensuring LCLS planning is conducted simultaneously and on a comparable and integrated basis, with other program efforts in accordance with references (b) and (c).

(5) Implement and execute LCLS requirements for all fielded WS/E.

(6) Provide logistics data management support to COMMARCORSYSCOM.

(7) Act as the office of primary responsibility for the functional LCLS assigned on the chart in the enclosure. Provide technical support to COMMARCORSYSCOM on acquiring and managing LCLS and support related engineering and logistics data or services, to include minimizing HM requirements and HW generation.

(8) Participate with DC/S I&L as the focal point for coordinating with the Defense Logistics Agency on logistics support matters related to the Weapons System Support Program.

(9) Participate in and assist COMMARCORSYSCOM in executing materiel release to the operating forces.

(10) Perform the full range of inventory management functions for the Marine Corps, compute depot maintenance requirements in accordance with reference (f), and coordinate all Government Furnished Equipment/Government Furnished Loans/Government Furnished Material requirements.

(11) Capture all operating and support costs for fielded WS/E and provide them to COMMARCORSYSCOM and DC/S I&L upon request.

(12) Store, maintain, and release War Reserve Materiel when directed by higher headquarters in accordance with references (g) and (h).

(13) Ensure the resource requirements to execute LCLS functions for which COMMARCORLOGBASES is responsible are included in the PPBS.

(14) Develop and submit a Military Construction Project (MCP), as required, to acquire the facilities needed to support a WS/E.

e. Commanding General, Marine Corps Combat Development Command (CG MCCDC) will:

(1) Establish required operational capabilities needed within assigned mission areas. As provided in the references, CG MCCDC will act as CMC's agent when determining mission needs and identifying deficiencies.

(2) Ensure incorporation of LCLS requirements and constraints into all requirements documents, including specific Reliability and Maintainability performance requirements, developed in conjunction with COMMARCORSYSCOM. Act as the office of primary responsibility for the functions assigned in the enclosure.

(3) Designate a WS/E as a mission critical or non-mission critical in requirements documents.

(4) Prioritize Program Objective Memorandum acquisition initiatives.

(5) Determine the Approved Acquisition Objective as per reference (i).

(6) Implement and coordinate jointly, with COMMARCORSYSCOM and DC/S M&RA, an analysis process resulting in the proper integration of manpower/hardware for a new WS/E.

(7) Employ the concept of IPPD in conjunction with COMMARCORLOGBASES, DIR MCOTEA, COMMARFORRES and COMMARCORSYSCOM.

(8) Develop and submit a MCP, as required, to acquire the facilities needed to support a WS/E.

(9) Maintain oversight for the Logistics Management Information System (LMIS).

f. Commanders, Marine Forces (COMMARFORs); Commander, Marine Forces Atlantic (COMMARFORLANT); Commander, Marine Forces Pacific (COMMARFORPAC); and Commander, Marine Forces Reserve (COMMARFORRES) will:

(1) Ensure that logistics procedures and processes are workable and as simplified as possible so that maximum effort and efficiency are applied to the mission.

(2) Review and comment on logistics concepts/documents.

(3) Ensure base commanders submit a MCP, as required, to acquire the facilities needed to support a WS/E.

(4) Participate with COMMARCORSSYSCOM and COMMARCORLOGBASES in materiel release planning and execution.

(5) After WS/E and AIS fielding, provide, within 6 months, an assessment of each of the logistics support elements contained in the enclosure, both problems and accomplishments. Submit to DC/S I&L, COMMARCORSSYSCOM, and COMMARCORLOGBASES for use in improving the Marine Corps LCLS program.

(6) Notify COMMARCORSSYSCOM and COMMARCORLOGBASES when new equipment is placed in service.

(7) Ensure that the resource requirements to execute LCLS functions, for which COMMARFORs are responsible, are included in the PPBS.

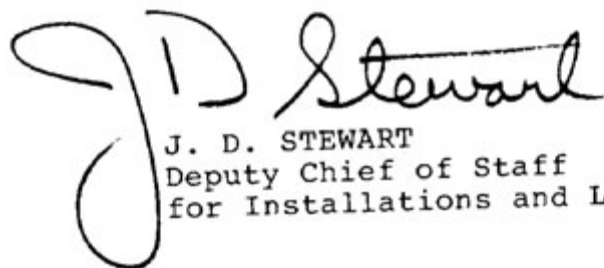
g. Director, Marine Corps Operational Test and Evaluation Activity (MCOTEA) will:

(1) Support the systems acquisition process as CMC agent for independent operational test and evaluation for the Marine Corps.

(2) Ensure the Operational Test and Evaluation addresses the adequacy of LCLS for the organizational/operational mission level, as defined in the requirements documents.

4. Reserve Applicability. This Order is applicable to the Marine Corps Reserve.

5. Certification. Reviewed and approved this date.



J. D. STEWART
Deputy Chief of Staff
for Installations and Logistics

DISTRIBUTION: PCN 10204305300

Copy to: 7000110 (55)
7000176 (5)
8145005 (2)
7000099, 7000144/8145001 (1)

LCLS ELEMENTS/RELATED FUNCTIONS TABLE

LOGISTICS ELEMENTS	OFFICE OF PRIMARY RESPONSIBILITY
1. MAINTENANCE PLANNING	MARCORSYSCOM (PSL) MARCORLOGBASES (830/840)
2. MANPOWER AND PERSONNEL	MCCDC (TOTAL FORCE STRUCTURE DIV) DC/S M&RA (MPP)
3. SUPPLY SUPPORT	
(A) PROVISIONING	MARCORLOGABASES (830/840)
(B) REPLENISHMENT	MARCORLOGBASES (830/840)
4. SUPPORT EQUIPMENT	
(A) TEST, MEASUREMENT & DIAGNOSTIC EQUIPMENT	MARCORSYSCOM (PM,TMDE)
(B) GENERAL SUPPORT EQUIPMENT	MARCORSYSCOM (CSLE)
5. TECHNICAL DATA	
(A) ENGINEERING DRAWINGS	MARCORLOGBASES (850)
(B) TECHNICAL MANUALS	MARCORSYSCOM (PSD)
6. TRAINING AND TRAINING SUPPORT	MARCORSYSCOM (SST) MCCDC (T&E DIV)
7. COMPUTER RESOURCES	
(A) SOFTWARE	MARCORSYSCOM (MCTSSA)/SSA*
(B) HARDWARE	MARCORSYSCOM (CCR)
(C) LIFE CYCLE SUPPORT	MARCORSYSCOM (MCTSSA)/SSA*
8. FACILITIES	DC/S I&L (LFL)
9. PACKAGING,HANDLING,STORAGE, TRANSPORTATION,& TRANSPORTABILITY	
(A) PACKAGING, HANDLING, STORAGE	MARCORLOGBASES (G330)
(B) TRANSPORTABILITY	MARCORSYSCOM (PSE)
(C) TRANSPORTATION	MARCORLOGBASES (G330)
10. DESIGN INTERFACE	
(A) RELIABILITY, AVAILABILITY, MAINTAINABILITY	MARCORSYSCOM (PSE)
(B) SYSTEM SAFETY ENGINEERING	MARCORSYSCOM (PSE)
(C) MAINTENANCE ENGINEERING	MARCORSYSCOM (PSE)
(D) RELIABILITY CENTERED MAINTENANCE	MARCORSYSCOM (PSE)
(E) PARTS CONTROL	MARCORSYSCOM (PSE)
(F) ELECTROMAGNETIC, ENVIRONMENTAL,	

RELATED FUNCTIONS	OFFICE OF PRIMARY RESPONSIBILITY
1. WARRANTY	MARCORSYSCOM (PSL)
(A) WARRANTY ADMINISTRATION	MARCORSYSCOM (830/840)
2. POST PRODUCTION SUPPORT	MARCORLOGBASES (830/840)
3. AMMUNITION	MARCORSYSCOM (PMAMMO)
4. CONTINUOUS ACQUISITION LIFE CYCLE MANAGEMENT	MARCORSYSCOM (PSL)
5. QUALITY ASSURANCE	MARCORSYSCOM (PSE)
6. STANDARDIZATION	MARCORSYSCOM (PSE)
7. CONFIGURATION MANAGEMENT	
(A) CONFIGURATION MANAGEMENT	MARCORSYSCOM (PSE)
(B) CONFIGURATION STATUS ACCOUNT	MARCORSYSCOM (850)
8. WEAPONS SYSTEM SUPPORT PROGRAM	MARCORLOGBASES (830/840)
9. GOVERNMENT FURNISHED EQUIPMENT/MATERIEL/LOANS	MARCORLOGBASES (G310)
10. LOGISTICS MANAGEMENT INFORMATION	MARCORSYSCOM (PSL)
11. LOGISTICS REQUIREMENTS AND FUNDING	MARCORSYSCOM (PSL)
NOTE: When MARCORSYSCOM is Office of Primary Responsibility; PRIOR TO MILESTONE III: MARCORSYSCOM - primary and MARCORLOGBASES support. PRODUCTION/DEPLOYMENT: MARCORLOGBASES - primary and MARCORSYSCOM support.	
* AS DESIGNATED BY THE PROGRAM MANAGER AND SPECIFIED IN THE COMPUTER RESOURCES LIFE CYCLE MANAGEMENT PLAN (CRLCMP)	